

## Electronic Acknowledgement Receipt

<b>EFS ID:</b>	2270425
<b>Application Number:</b>	10773343
<b>International Application Number:</b>	
<b>Confirmation Number:</b>	6467
<b>Title of Invention:</b>	Apparatus and method for integral bypass diode in solar cells
<b>First Named Inventor/Applicant Name:</b>	Paul R. Sharps
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<b>Filer:</b>	Samuel Borodach/Paula Romeo
<b>Filer Authorized By:</b>	Samuel Borodach
<b>Attorney Docket Number:</b>	1613370-0046 CON
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<b>Filing Date:</b>	06-FEB-2004
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<b>Application Type:</b>	Utility under 35 USC 111(a)

### Payment information:

Submitted with Payment	yes
Payment was successfully received in RAM	\$ 180
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## File Listing:

Document Number	Document Description	File Name	File Size(Bytes) /Message Digest	Multi Part /.zip	Pages (if appl.)
1	Information Disclosure Statement (IDS) Filed	21167011001IDS.pdf	107266	no	3
			504777cf4e0eb307d1c9b399970d486217a7a056		
Warnings:					
Information:					
This is not an USPTO supplied IDS fillable form					
2	NPL Documents	21167011001JPofficeaction.pdf	135490	no	4
			de948555dc40f43dc46f6ead8c1f00c66b976065		
Warnings:					
Information:					
3	Foreign Reference	21167011001REF1.pdf	981987	no	30
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Warnings:					
Information:					
4	Foreign Reference	21167011001REF2.pdf	451221	no	11
			97c8021a8b01984946a27be0e44de7f7e3856800		
Warnings:					
Information:					
5	Foreign Reference	21167011001REF3.pdf	622780	no	10
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Warnings:					
Information:					
6	Fee Worksheet (PTO-06)	fee-info.pdf	8183	no	2
			48492cc6614002064fb5cad303853665fa446df		
Warnings:					
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Total Files Size (in bytes):			2306927		

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**New Applications Under 35 U.S.C. 111**

If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

**National Stage of an International Application under 35 U.S.C. 371**

If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

**New International Application Filed with the USPTO as a Receiving Office**

If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.